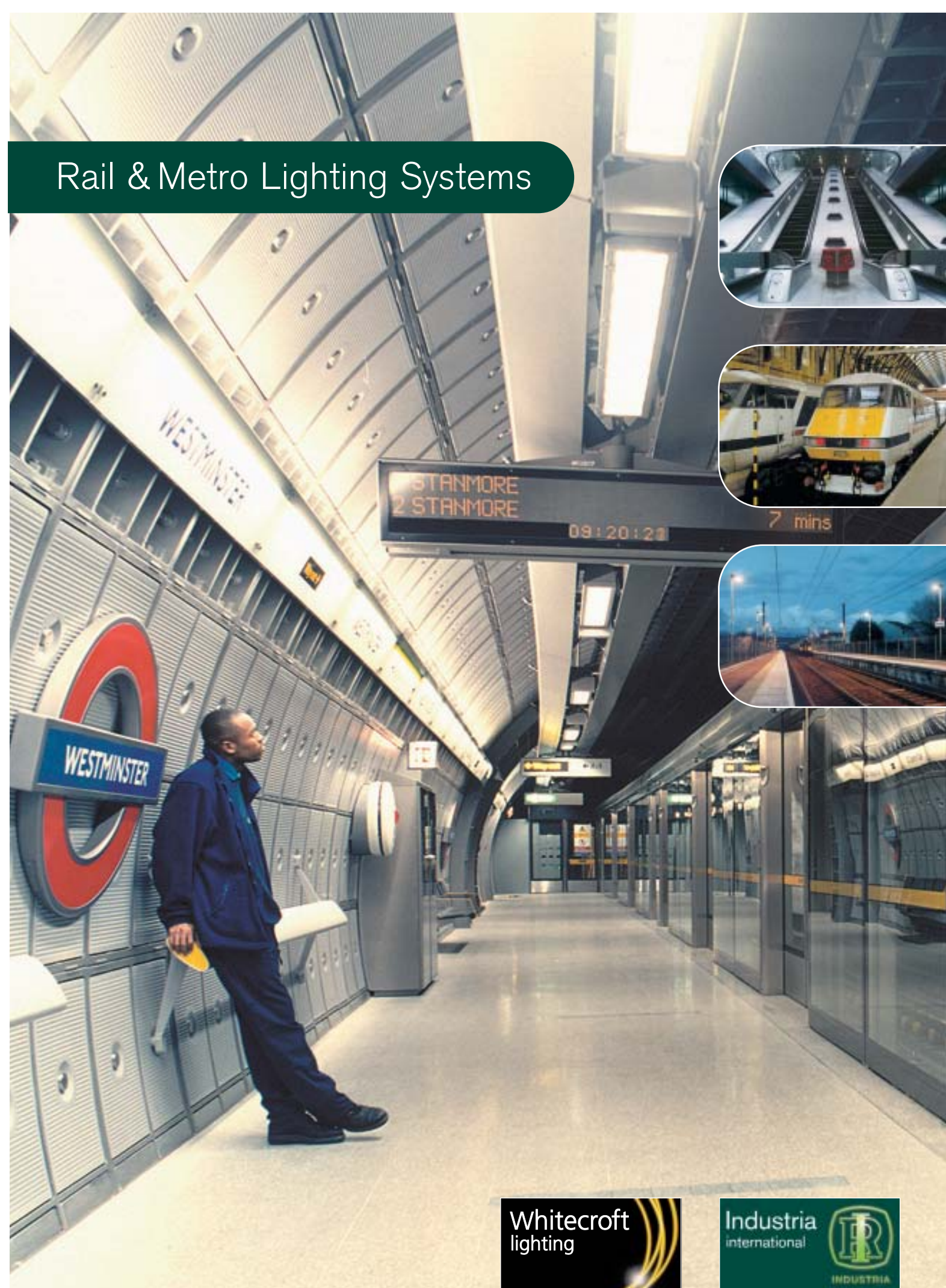




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Rail & Metro Lighting Systems



Whitecroft
lighting

Industria
international



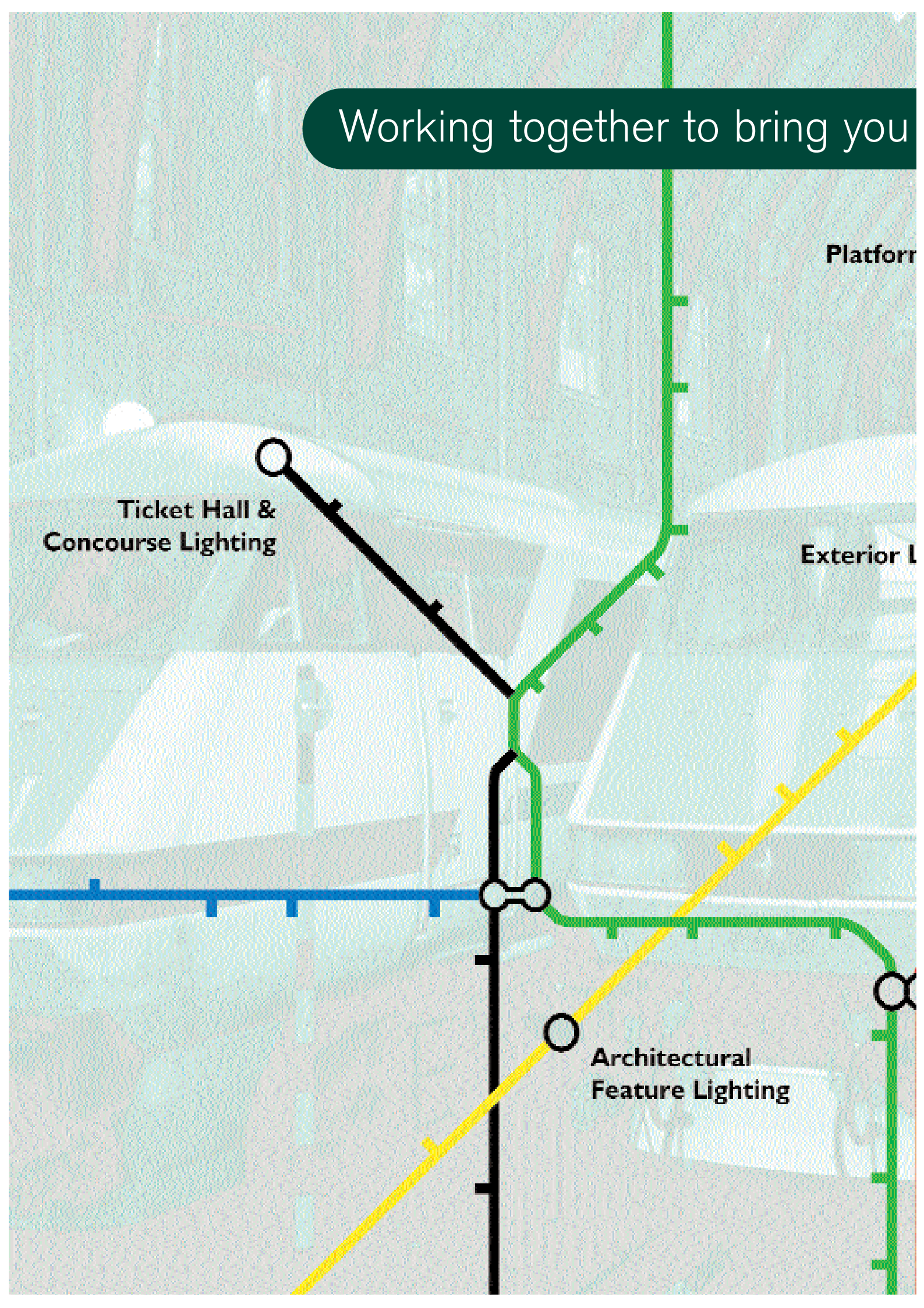
Working together to bring you

Platform

**Ticket Hall &
Concourse Lighting**

Exterior L

**Architectural
Feature Lighting**



the benefits of partnership

n Lighting

Lighting

**Non-Public
Area Lighting**

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When it comes to lighting, specialism is the key to success. The skills in designing and manufacturing interior and exterior lighting products are very different, and best left to companies whose expertise lies in one area.

There are however, a few applications where a mix of these two different lighting styles are required, and railway infrastructure is one of these. That's why international specialists Whitecroft Lighting and Industria International have joined forces to offer a comprehensive range of luminaires particularly suited to the demanding environment found within the railway network.

The sum of the parts is truly greater than the whole. By combining their efforts, the benefits are clear. One point of contact, one comprehensive range of products, no confusion. With a dedicated team of experienced engineers and lighting designers, you can be assured of total commitment throughout the duration of any project.

Our experience speaks for itself. Products within this brochure are already in use in underground and overground rail applications throughout the U.K. From the Jubilee Line in London to Scotrail's network throughout Scotland, from car parks to ticket halls, you can see these proven products performing on a daily basis.”

Ped Bechar
Rail Applications Manager

**Whitecroft
lighting**

**Industria
international**



Platform Lighting

HSL

Developed specifically for high speed rail applications, the HSL can be manufactured to any length and is ideal for use in the lighting of platforms and any area where robust construction is required, without compromising aesthetic appearance. Rated to IP65, HSL comes with either symmetric or asymmetric optics for use with energy saving fluorescent lamps.

CONTROL SYSTEMS

To maximise efficiency and reduce maintenance and outages, all featured products can be fitted with BScout, an integral control & monitoring system. BScout uses bus-borne signalling to link all luminaires to a central control point, which monitors lamp temperature, lamp life and other pre-programmed features as well as controlling switching and safety/emergency lighting needs.



PIC OF HSL LOCATION
East Ham or Upton Park



JLE Type 1 & 2

First used in London Underground's Jubilee Line extension, the JLE family has been designed to stringent quality standards, is LUL approved, and can be used to light a variety of applications.

With a 40 year lifespan, these IP65 luminaires are high performance products with a vast combination of lamp & optic types to satisfy any requirement.



PIC OF OTHER JLE
INSTALLATION

Ticket Hall & Concourse Lighting



DTFA

DTFA's high quality construction and clean lines make it particularly suitable for indoor public areas such as ticket halls. A recessed fluorescent fitting rated to IP65, it combines practicality and durability with style.



Canopymaster

Canopymaster is a compact high performance luminaire that allows excellent colour rendition. Asymmetric or bi-directional distributions allow precise design control whilst the integral louvre prevents glare. Rated to IP65, it's toughened glass lens provides excellent vandal resistance.





JLE Type 2

equally at home in concourses as on platforms, the JLE type 2 combines all the high performance features you will need with a stylish aerofoil profile which creates a bold architectural statement.



JLE Escalator

Designed to be mounted in stainless steel escalator balustrades to illuminate the moving stairway, its exposed position demands the product be highly vandal resistant. A faceted toughened glass lens angles the light downward and onto the escalator stairs. Approved by LUL, it is designed to have a 40 year lifespan due to its robust cast aluminium body and stainless steel hinged door.



Architectural Feature Lighting



Coolglass

Coolglass is unique amongst uplighters and floodlights. Its unique patented design conforms to the very latest guidelines for lighting in public areas. With a glass temperature of only 65°, (the average standard was 130°C), it can safely be used in any area. The Coolglass range includes low voltage dichroic and metal halide versions, with optics for floodlighting, uplighting and specialist applications such as flag and sign lights.



Euroflood

The ultra-slim euroflood family incorporates precision asymmetric optics. Upward light pollution is eliminated and light spill is controlled resulting in fewer floodlights achieving required lighting levels. It's comprehensive range of lamp options, combined with colour filters and attachments allow versatility of use.

CANARY W
ESCALATO

WHARF
OR



Spectre

Spectre is an elegant range of IP65 downlighters, suitable for exposed environments such as under canopies. With a choice of lamp types and gear, it offers a great degree of flexibility.



JLE Escalator

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Exterior Lighting

Vectra

Used extensively throughout Scotrail's network of city and rural stations, Vectra is equally at home lighting platforms, approach roads or parking areas. With 3 sizes and a variety of lamp and optic variants, Vectra can provide a cohesive link from road to rail areas.

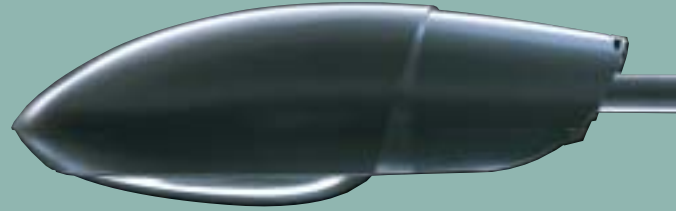
Pathfinder

A specialist lantern for particular applications, Pathfinder projects it's light sideways in a narrow beam, making it perfect for lighting walkways and cycle paths, and can be used for platform lighting where light pollution is an issue.



ARC

Simply the most advanced exterior lantern available, ARC's aluminium construction, host of unique features and superb design combine to provide the ultimate exterior lighting solution.



High Mast

For parking areas or rail sidings, High Mast lighting provides a cost effective and highly efficient answer to area lighting problems. Our specialist team will work with you to design, manufacture, install & maintain the perfect solution.



Canteen

Non-Public Area Lighting

Mirage

The Mirage range of compact fluorescent downlighters combine ingenious design and quality materials. Performance is excellent and versatile enough to meet any need now or in the future. An IP20 version can be used in offices, canteens and general areas, whilst an IP44 version is available for toilets, kitchens and workshops. The huge range of reflectors, louvres, decor rings and diffusers mean that you can always find the perfect combination.

Mirage

Vivant

For office areas and general applications, you won't find a more flexible luminaire than Vivant. Designed for use in suspended ceilings, Vivant's wide range of sizes, lamp and reflector options mean that you can always find the perfect luminaire and maintain a cohesive visual appearance. Vivant is rated to category 2.500 for use with computer screens, and uses highly efficient T5 lamps.

